CIVIL-TECH CONSULTANTS AND ENGINEERS

Building & Highway Material Testing Laboratory

An ISO 9001:2008 Certified Company

NABL - Accredited Laboratory as per ISO / IEC-17025 : 2005

JAS-ANZ BSCIC ISO 9001 REGISTERED

Job No.: CTCE/BBMP/W.No.17/KS/WMM/S-T/2014-15 16.04.2014

DETERMINATION OF FLAKINESS INDEX & ELONGATION INDEX OF COARSE AGGREGATES

Client	**Asst. Executive Engineer,** Yeshwanthapura Sub Division, BBMP, Bangalore.
Agency	**Mr. K. Shivakumar,** Contractor, Bangalore.
Name of Work	Providing and laying HDPE Water line in Muthyalanagara Block - 1 in J P Park, Ward No.17, BBMP, Bangalore.
Reference	EE/RRND/Wo.No/235/2013-14 Dated: 07.02.2014
Technical Reference	IS 2386(Part 1) 1963 (RA 2011)
Type of Mix	Wet Mix Macadam
Date of Testing	16.04.2014

Result : Flakiness Index = **11.25%**

Elongation Index = **13.26%**

Result : Combined Flakiness & Elongation index 24.51%

Comments:

Maximum allowable Flakiness & Elongation Index for Wet Mix Macadam is 30%

Note:

→ This test report should not be reproduced except in full, without written approval of the laboratory

→ The results indicated above are based on the tests carried out on the samples received in the laboratory

→ Any Query regarding the report must be reported within 30 days from the date of testing.

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Type of Mix	Wet Mix Macadam
Date of Testing	16.04.2014

Result : Flakiness Index = **12.95%**

Elongation Index = **13.10%**

Result : Combined Flakiness & Elongation index 26.05%

Comments:

Maximum allowable Flakiness & Elongation Index for Wet Mix Macadam is 30%

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Technical Reference	IS 2386(Part 1) 1963 (RA 2011)
Type of Mix	Wet Mix Macadam
Date of Testing	16.04.2014

Result : Flakiness Index = **12.85%**

Elongation Index = **13.05%**

Result : Combined Flakiness & Elongation index **25.90%**

Comments:

Maximum allowable Flakiness & Elongation Index for Wet Mix Macadam is 30%

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QUALITY CONTROL REPORTS FOR

BITUMINOUS MACADAM